

JOB NAME	Yield Enhancement Engineer
TEAM	OPERATIONS
DATE	Dec, 6th, 2022

COMPANY

MICROOLED, a human sized company develops, manufactures and sells OLED microdisplays with very high resolution, outstanding image quality, and high power efficiency for applications like electronic viewfinders, head mounted displays, wearable Augmented Reality, Virtual Reality, etc. The company has its offices and a dedicated microdisplay manufacturing line inside the MINATEC innovation campus in Grenoble/ France. Sales have steadily grown since with a mean annual growth rate of over 40%.

We find satisfaction in doing our jobs well, and we value the companionship that comes from working with others who share our total commitment to our customers and one another. We are looking for an ambitious and self-driven yield enhancement Engineer to help us continue our impressive growth as a leader in Oled's solutions.

You are interested in new technologies, Do not hesitate anymore to join us !

MISSION

We are looking for a motivated individual and team player to fill the role of a a yield enhancement Engineer in collaboration with the Engineering/manufacturing team

As a key player :

- you will focus on failure analysis of test, quality, and RMA failures, allowing for enhanced product reliability, rapid production ramp and early time to market.
- You will be responsible for quality and reliability as well as improvements in yield and manufacturability of Microoled products using your skills and knowledge of statistical data analysis, semiconductor device physics, semiconductor processing, testing.
- You will own and maintain defect detection tools, develop and optimize defect tool recipes to support in-line monitoring and yield improvement projects
- You will be working with different functional teams to troubleshoot and improve processes. You will contribute to a variety of activities including failure analysis, yield improvement, and qualification programs.
- You will generate organized and timely failure analysis reports with clearly communicated causes and effects
- You will be in charge with the process engineers to set up controls and monitoring of equipment contamination

EDUCATION & EXPERIENCE NECESSARY FOR SUCCESS

- MS in Electrical Engineering or other related engineering field with minimum of 3-5 years relevant experience in semiconductors or a related industry
- Understand probe, backend test and qualification flows
- Strong understanding of defect detection, analysis and reduction methodologies

- Excellent communication skills are required for close interaction with a diverse engineering team from fab engineering, test, reliability, product engineering, and development departments
- Strong problem solving and root cause identification skills, and ability to organize data and keep track of a multitude of simultaneous projects and deadlines
- Self-motivation and enthusiasm
- Knowledge in database MySQL.
- Language: Fluent English and French.

You think you are the right person for the job, please, send your resume and motivation letter to Emmanuelle.arbet@microoled.net